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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/623,432
		Filing Date	July 17, 2003
		First Named Inventor	Gary A. Strobel
		Art Unit	1641
		Examiner Name	Not yet known
Total Number of Pages in This Submission	*4	Attorney Docket Number	34373/0007

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	Michelle L. Samonek
Signature	
Date	5/6/04

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PATENT

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANT(S): Gary A. Strobel et al.
APPLICATION NO.: 10/623,432
FILING DATE: July 17, 2003
TITLE: Compositions Related To A Novel Endophytic Fungi and
Methods of Use
EXAMINER: Not yet known
GROUP ART UNIT: 1641
ATTY. DKT. NO.: 34373/0007

CERTIFICATE OF MAILING

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INFORMATION DISCLOSURE STATEMENT

SIR:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, and without any assertion of prior art effect, the documents listed on the accompanying Form SB/08A are hereby cited and enclosed. Due to the number of publications cited, a brief description of the content of each publication is provided below.

Quimby (1999) describes formulations used to stabilize biologically active fungi. Lin (1991) provides background regarding carriers suitable for stabilizing cell mass so that toxic organic chemicals may be better biodegraded.

Humphris (2001), Nandi (1976), Rathore (1986) and Tenuta (2002) describe volatile organic compounds that may be used to inhibit the growth of various microorganisms.

McAfee (1999) and Scholler (2002) provide a review of volatile metabolites produced by actinomycetes and fungi found on wood substrates, respectively.

Fiddaman (1992) describes the antifungal effect of volatiles produced by *Bacillus subtilis*, without disclosing the specific volatiles produced.

Bartelt (1999) discusses volatiles produced by *Fusarium verticillioides* (Sacc.) Nirenb. and the ability of the volatiles to attract beetles that then serve as fungi vectors.

Finolow (2003) and Finolow (2002) disclose six mycoactive acetate esters that have been shown to stimulate conidial adhesion and germination on apple fruit: butyl acetate, ethyl acetate, 2-methylbutylacetate, hexyl acetate, pentyl acetate and propyl acetate.

No fee is believed to be due in order to have these documents made of record and considered by the Examiner. However, if it is determined that a fee is required, the Commissioner is hereby authorized to charge to Deposit Account No. 50-2767 any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper, and to credit any overpayment to that account.

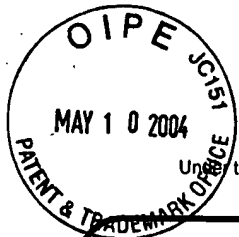
Should the Examiner have any questions or wish to discuss further this matter, please contact the undersigned at the telephone number provided below.

Date: 5/6/04

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/623,432
Filing Date	07/17/2003
First Named Inventor	Gary A. Strobel
Art Unit	1641
Examiner Name	Not yet assigned
Attorney Docket Number	34373/0007

Sheet

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OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	A	BARTELT, ROBERT J. and WICKLOW, DONALD T., "Volatiles from <i>Fusarium verticillioides</i> (Sacc.) Nirenb. and Their Attractiveness to Nitidulid Beetles," <u>Journal of Agricultural Food Chemistry</u> , 1999, Vol. 47, No. 6, pp. 2447-2454	
	B	FIDDAMAN, P.J., and ROSSALL, S., "The Production of Antifungal Volatiles by <i>Bacillus subtilis</i> ," <u>Journal of Applied Bacteriology</u> , 1993, Vo. 74, pp. 119-126	
	C	FILONOW, A.B., "Mycoactive Acetate Esters from Apple Fruit Stimulate Adhesion and Germination of Conidia of the Gray Mold Fungus," <u>Journal of Agricultural and Food Chemistry</u> , 2002, Vol. 50, No. 11, pp. 3137-3142	
	D	FILONOW, ALEXANDER B., "Germination and Adhesion of Fungal Conidia on Polycarbonate Membranes and on Apple Fruit Exposed to Mycoactive Acetate Esters," <u>Can. J. Microbiol.</u> , 2003, Vol. 49, pp. 130-138	
	E	HUMPHRIS, SONIA N., <i>et al.</i> , "The Effects of Specific Volatile Organic Compounds Produced by <i>Trichoderma</i> Spp. on the Growth of Wood Decay Basidiomycetes," <u>Holzforschung</u> , 2001, Vol. 55, pp. 233-237	
	F	LIN, JIAN-ER, <i>et al.</i> , "Use of Coimmobilized Biological Systems to Degrade Toxic Organic Compounds," <u>Biotechnology and Bioengineering</u> , 1991, Vol. 38, pp. 273-279	
	G	McAFEE, B.J. and TAYLOR, A., "A Review of the Volatile Metabolites of Fungi Found on Wood Substrates," <u>Natural Toxins</u> , 1999, Vol. 7, pp. 283-303	
	H	NANDI, BALEN and FRIES, NILS, "Volatile aldehydes, ketones, esters and terpenoids as preservatives against storage fungi in wheat," <u>Journal of Plant Diseases and Protection</u> 1976, Vol. 83, No. 5, pp. 284-294	
	I	QUIMBY, P.C., <i>et al.</i> , "A Simple Method for Stabilizing and Granulating Fungi," <u>Biocontrol Science and Technology</u> , 1999, Vol. 9, pp. 5-8	
	J	RATHORE, R.S. and AGRAWAL, S.C., "Activity of Organic Volatile Compounds against Some Keratinophilic Fungi," <u>Hindustan Antibiotics Bulletin</u> , 1986, Vol. 28, No. 1-4, pp. 20-23	
	K	SCHOLLER, CHARLOTTE E.G., <i>et al.</i> , "Volatile Metabolites from Actinomycetes," <u>Journal of Agricultural and Food Chemistry</u> , 2002, Vol. 50, No. 9, pp. 2615-2621	
	L	TENUTA, MARIO, <i>et al.</i> , "Volatile Fatty Acids in Liquid Swine Manure Can Kill Microsclerotia of <i>Verticillium dahliae</i> ," <u>Phytopathology</u> , 2002, Vol. 92, No. 5, pp. 548-552	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.